

(19) World Intellectual Property  
Organization  
International Bureau



528 167

(43) International Publication Date  
1 April 2004 (01.04.2004)

PCT

(10) International Publication Number  
**WO 2004/026048 A1**

(51) International Patent Classification<sup>7</sup>:  
A23L 1/305, A23C 11/06, A23K 1/16, 1/18, A23J 3/14

(21) International Application Number:  
PCT/EP2003/010337

(22) International Filing Date:  
17 September 2003 (17.09.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
0221746.1 19 September 2002 (19.09.2002) GB

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (*for all designated States except US*): CER-ESTAR HOLDING B.V. [NL/NL]; Nijverheidsstraat 1, P.O. Box 9, N-4551 LA Sas van Gent (NL).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): VAN HOECKE, Pieter, Paul, Marc [BE/BE]; Meilegemstraat 74, B-9630 Meilegem (BE). PROVOOST, Dirk, Reimond [BE/BE]; Xavier Buissestraat 39, B-1800 Vilvoorde (BE).

(74) Agent: WILKINSON, Stephen, John; Stevens, Hewlett & Perkins, 1 St. Augustine's Place, Bristol BS1 4UD (GB).

**Declaration under Rule 4.17:**

— *of inventorship (Rule 4.17(iv)) for US only*

**Published:**

— *with international search report*  
— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: COMPOSITION FOR REPLACING MILK POWDER

(57) Abstract: The current invention relates to a composition comprising a) from 20 w/w% to 70 w/w% cereal proteins, b) from 25 w/w% to 70 w/w% maltodextrin, c) from 1 w/w% to 20 w/w% amino acids, and d) from 0 w/w% to 20 w/w% minerals, and e) from 0 w/w% to 45 w/w% fat. The composition is prepared according to a process wherein maltodextrin and cereal proteins are mixed and liquid amino acids are added, followed by drying to appropriate dry substance. The composition can be applied in food and feed applications as milk powder replacer.

WO 2004/026048 A1